

TRANSPONDER EQUIPMENT**Publication number:** JP2000078055 (A)**Publication date:** 2000-03-14**Inventor(s):** HECHT JOHANNES; KOLLBACH DIETBERT**Applicant(s):** DAIMLER CHRYSLER AG**Classification:**

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JP3564636 (B2)

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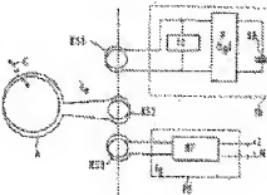
US6411212 (B1)

ITRM990454 (A1)

GB2342537 (A)

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PROBLEM TO BE SOLVED: To obtain transponder equipment by which a large reach distance is realized in spite of a short stay time inside an inquiry electromagnetic field without an intrinsic first energy source. SOLUTION: A transponder TR arranged in the object of transponder equipment includes a chargeable energy storage device SP and obtains power from the device SP for at least a transmission operating mode. A pump circuit PS is connected to object side energy sources Z and M in order to charge the device SP on the object side, a charging signal is generated and energy is transmitted by induced coupling via a coupling circuit KS3 connected to the pump circuit PS and the coupling circuit KS1 at the side of the transponder by the charging signal.



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